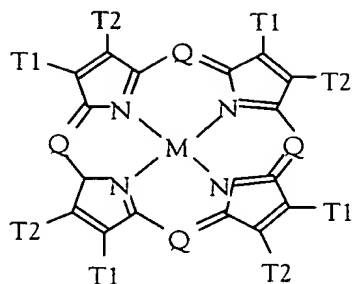
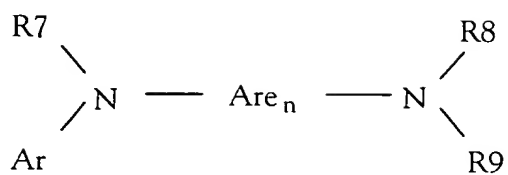


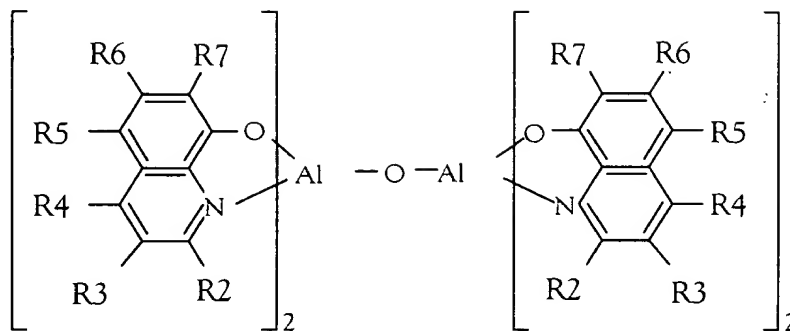
[CHEM 1]



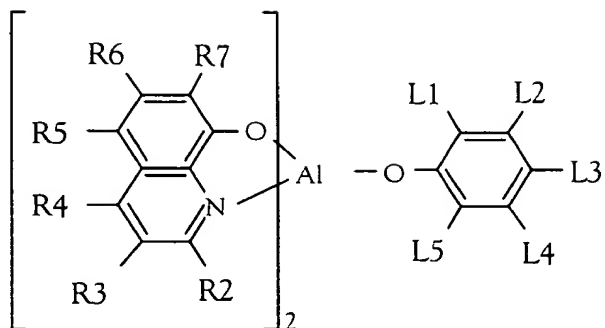
[CHEM 2]



[CHEM 3]



[CHEM 4]



[CHEM 5]

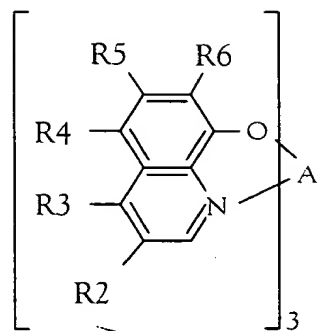
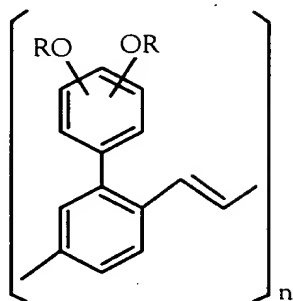
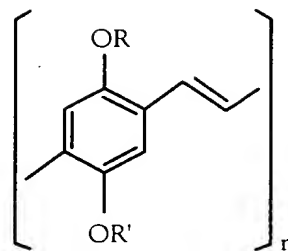


Fig 49

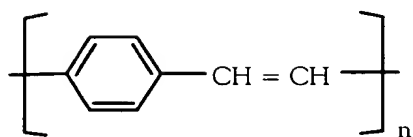
[CHEM 6]



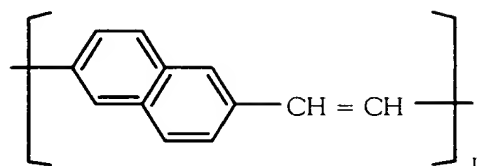
[CHEM 7]



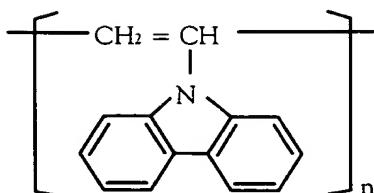
[CHEM 8]



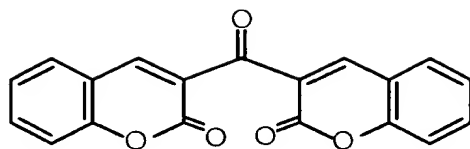
[CHEM 9]



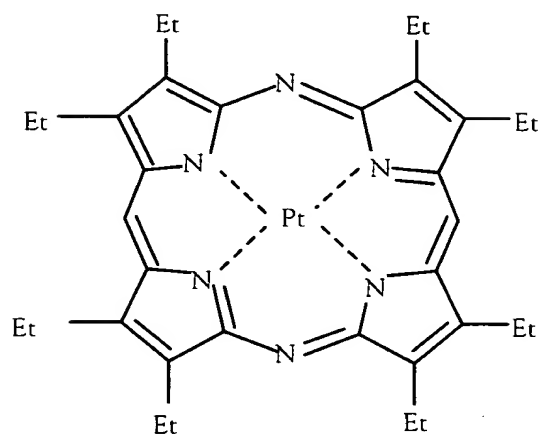
[CHEM 10]



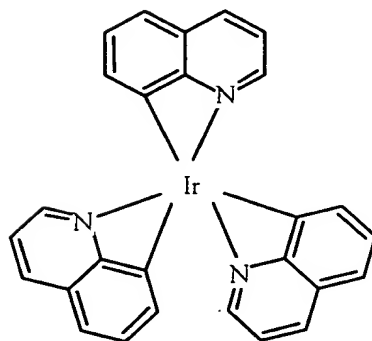
[CHEM 11]



[CHEM 12]



[CHEM 13]



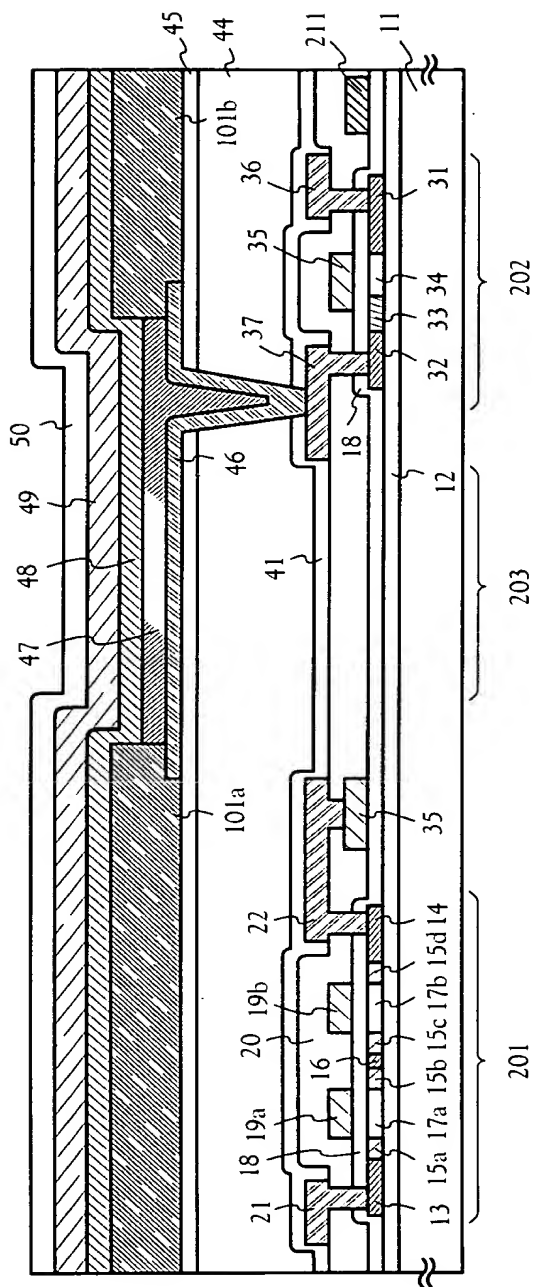


FIG. 1

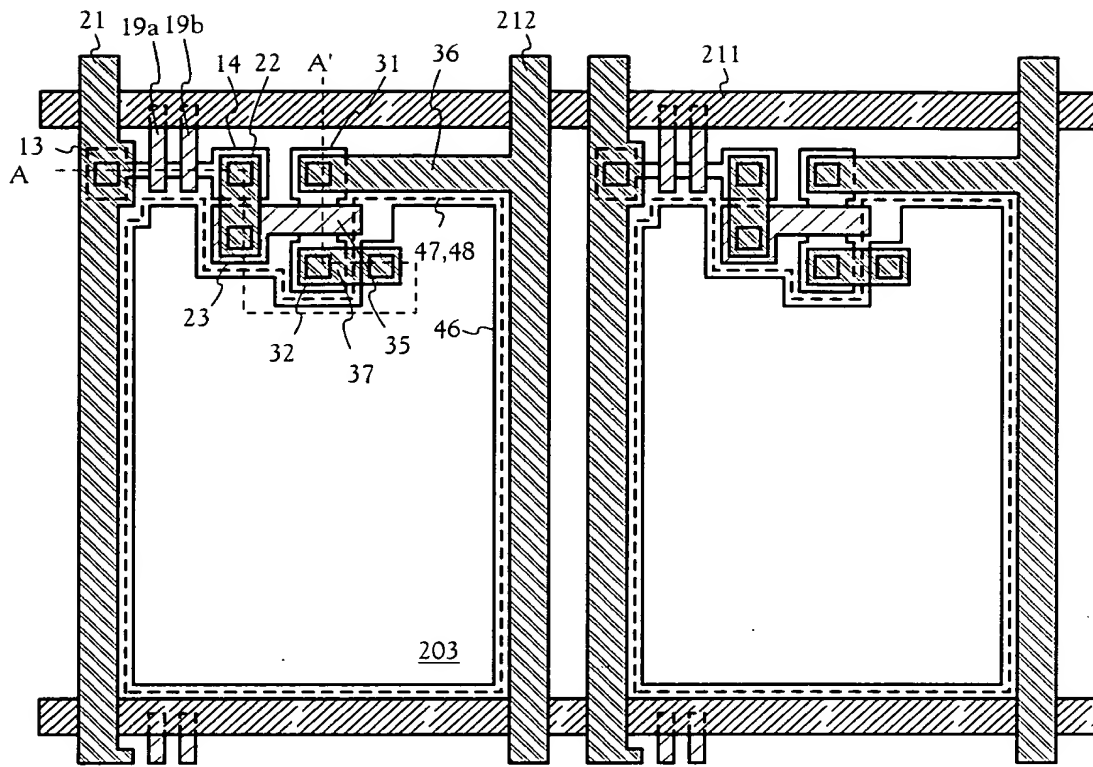


FIG. 2A

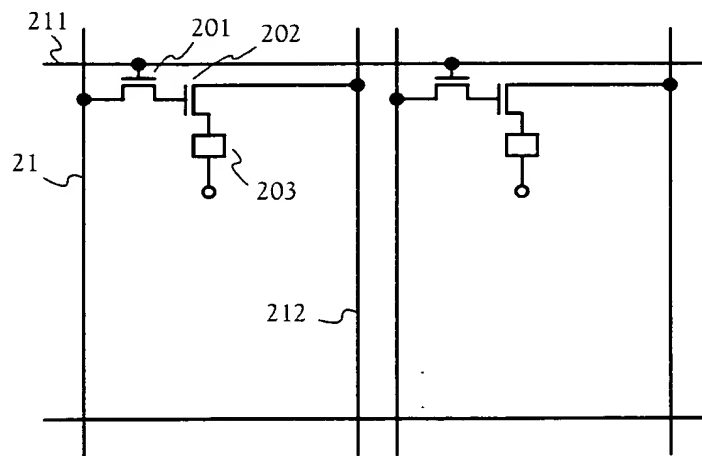


FIG. 2B



FIG. 3A

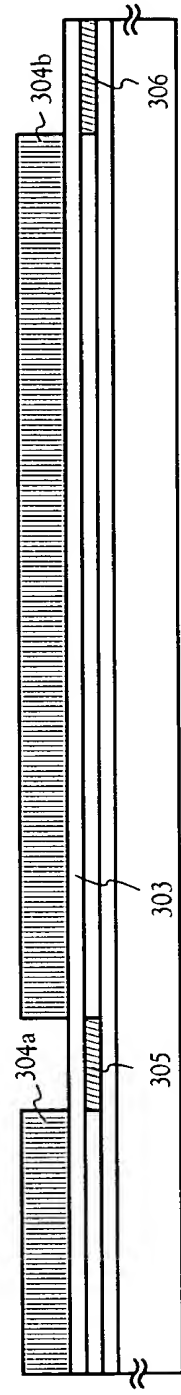


FIG. 3B

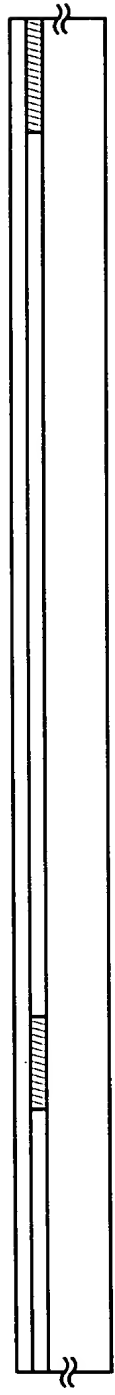


FIG. 3C

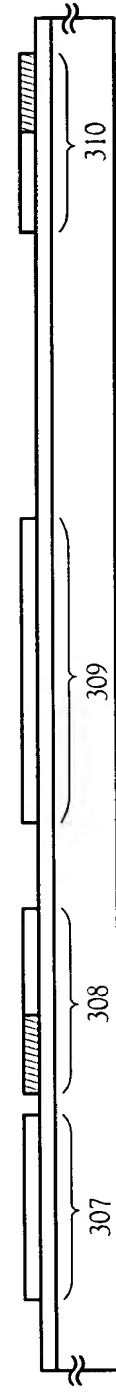


FIG. 3D

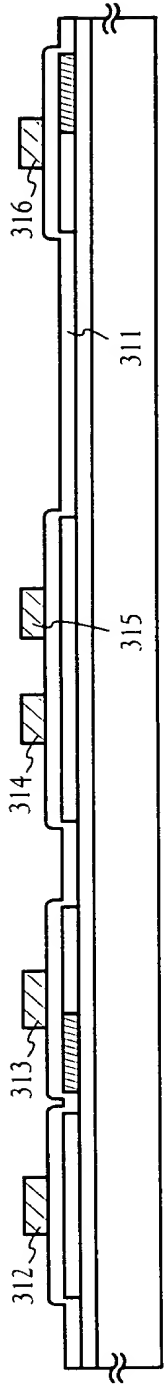


FIG. 3E

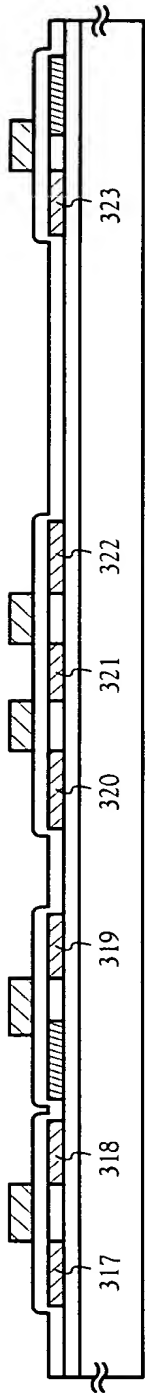


FIG. 4A

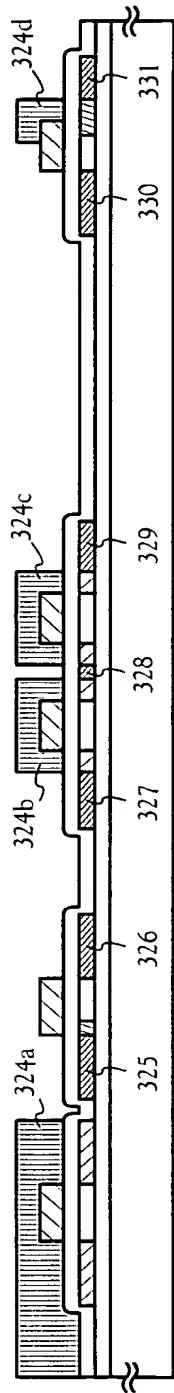


FIG. 4B

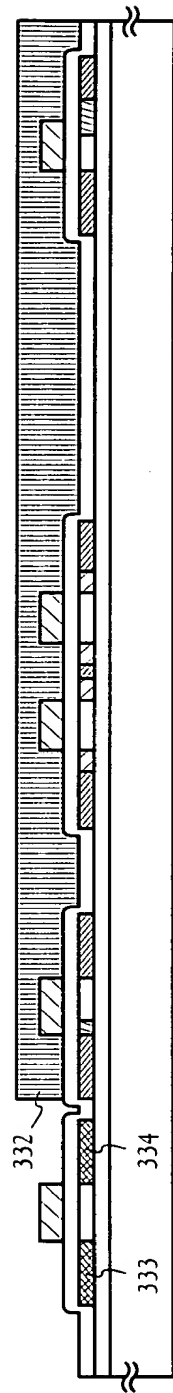


FIG. 4C

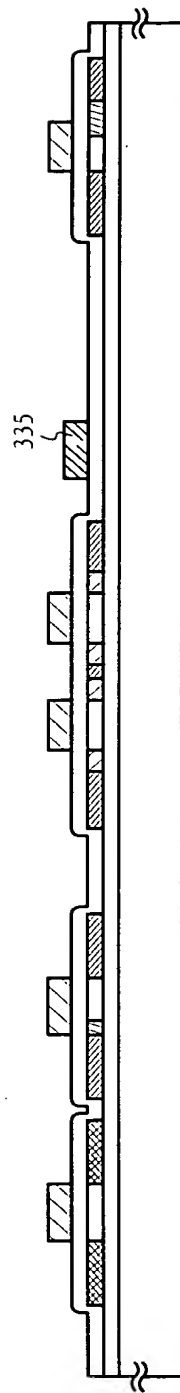


FIG. 4D





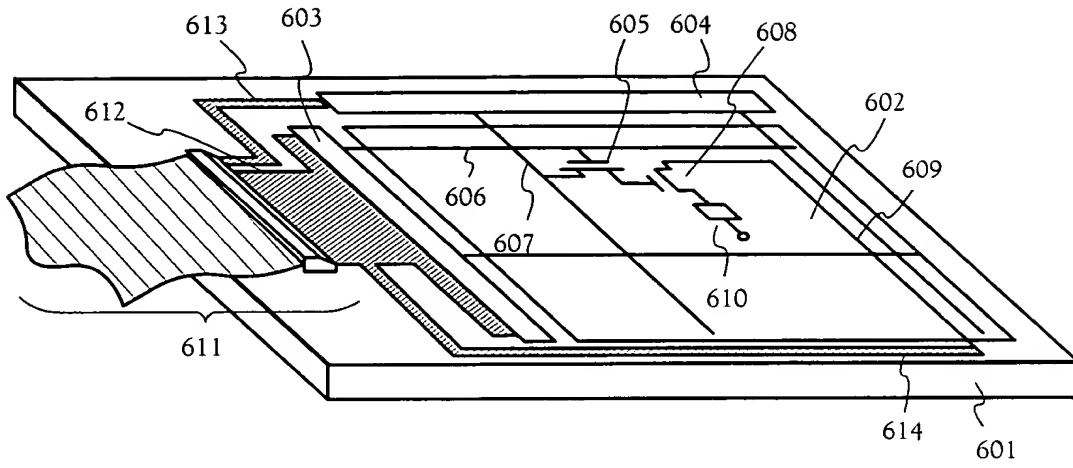


FIG. 6

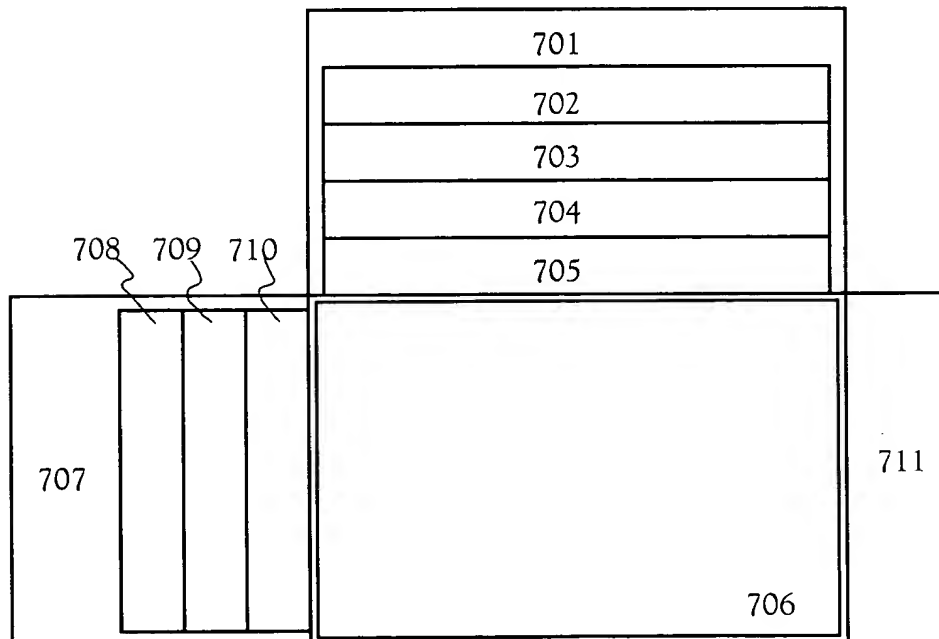


FIG. 7



8

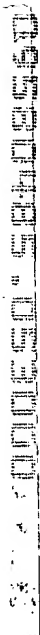


FIG. 9





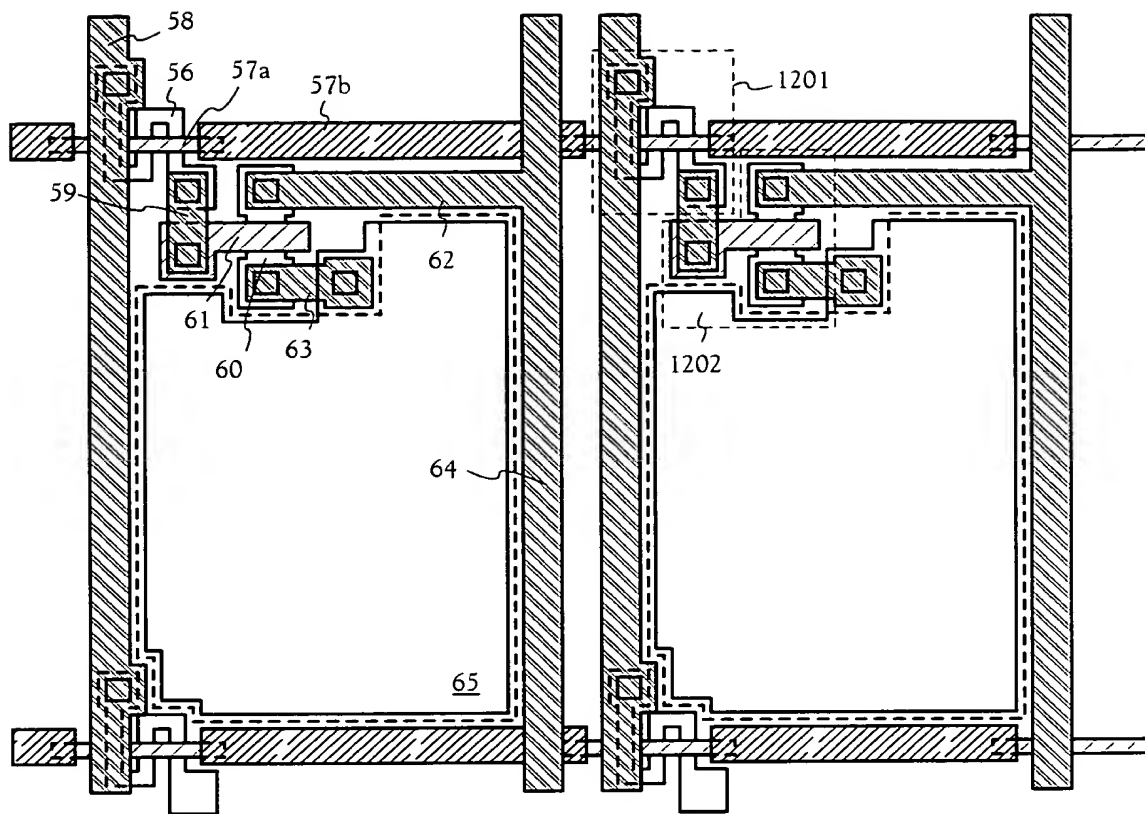


FIG. 12A

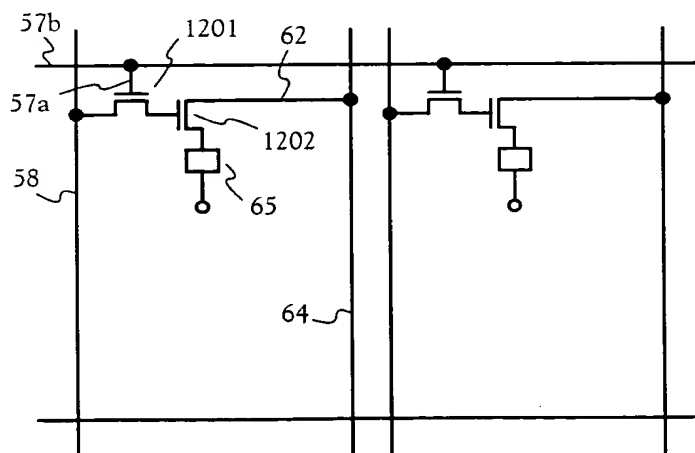


FIG. 12B

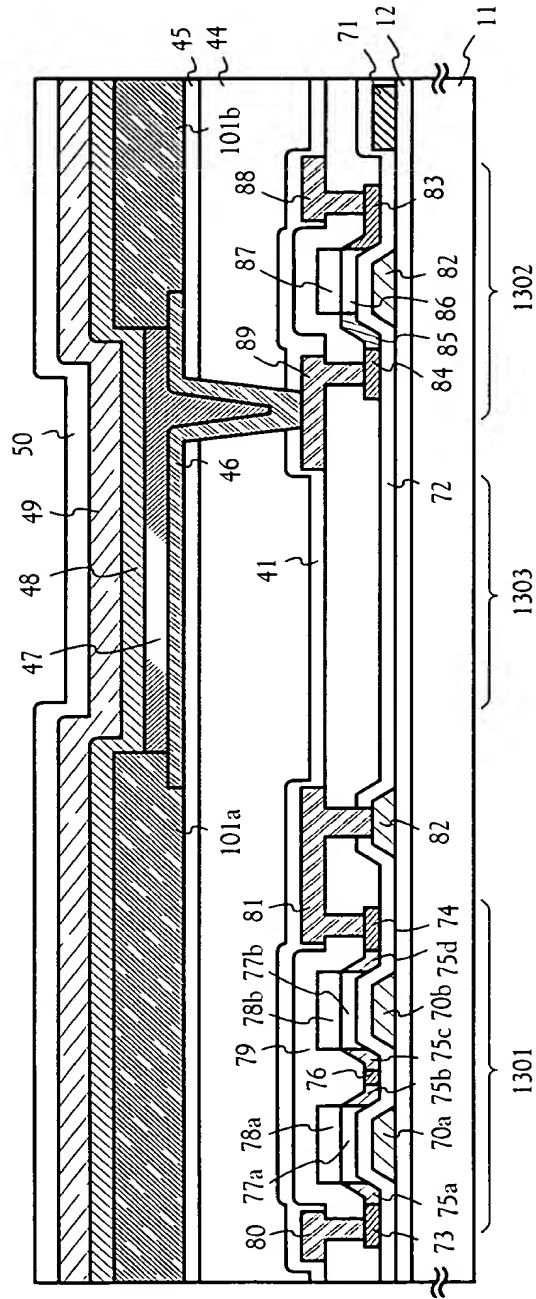


FIG. 13

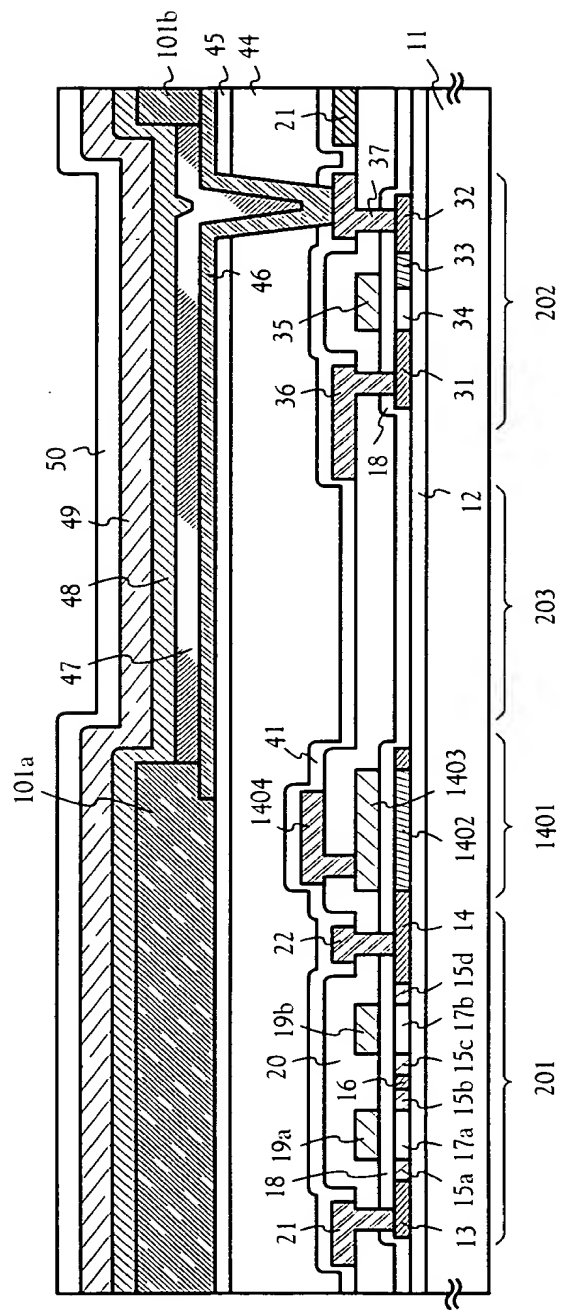


FIG. 14

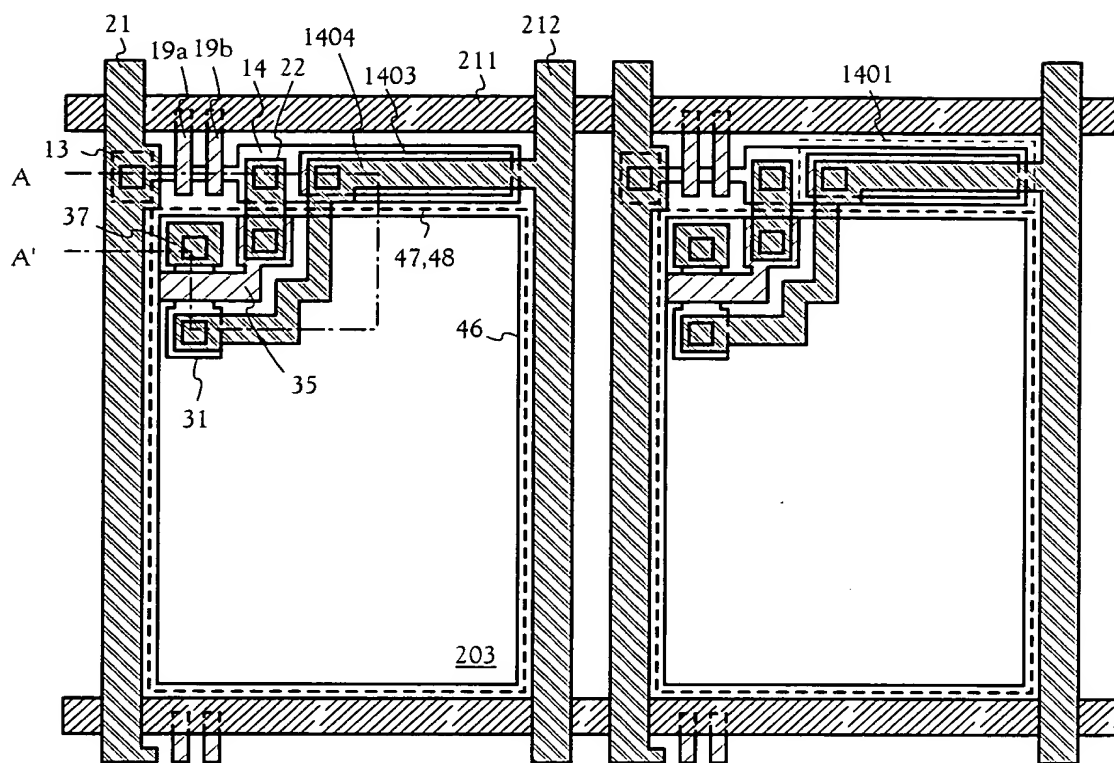


FIG. 15A

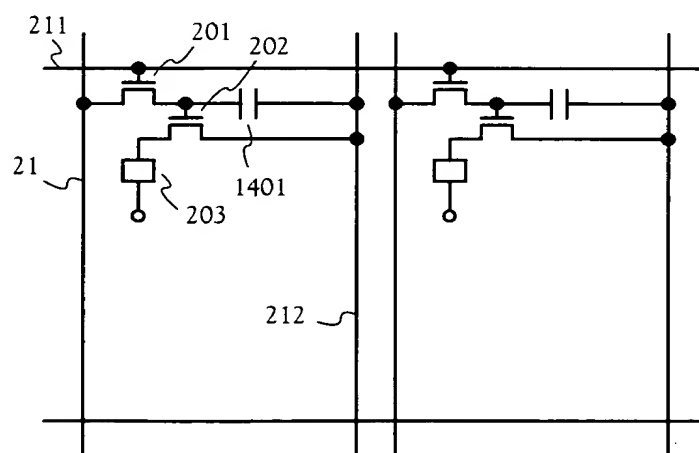


FIG. 15B

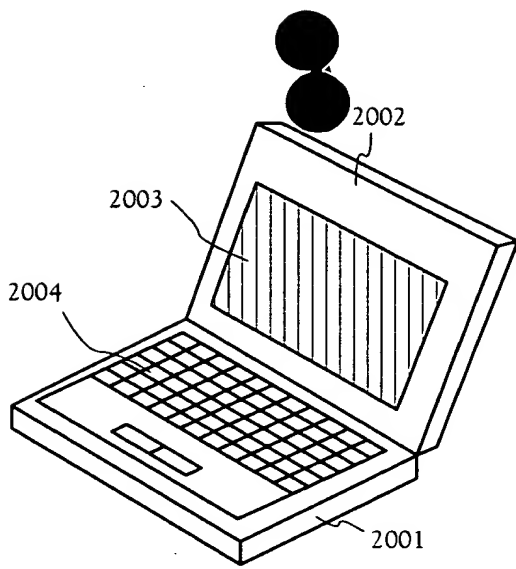


FIG. 16A

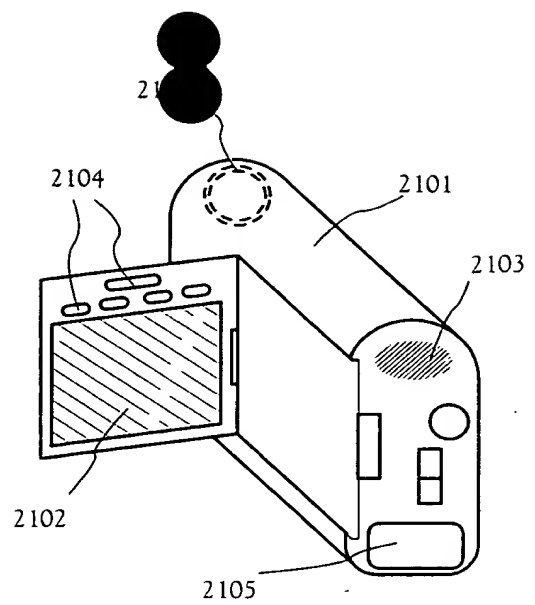


FIG. 16B

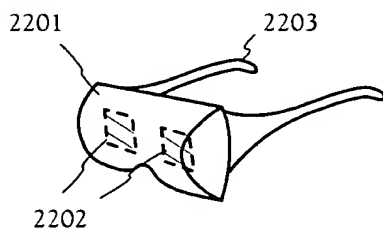


FIG. 16C

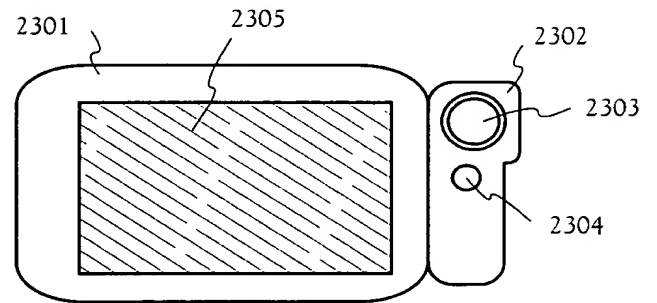


FIG. 16D

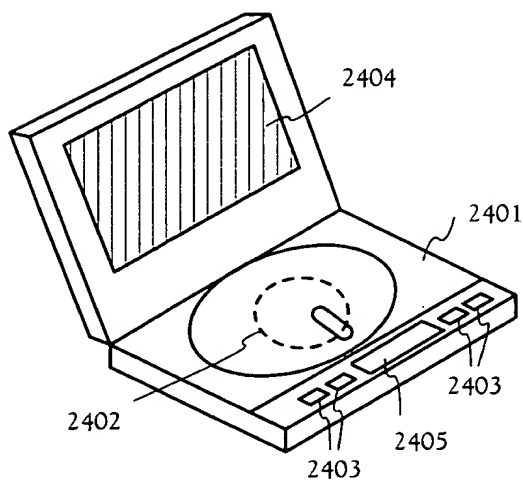


FIG. 16E

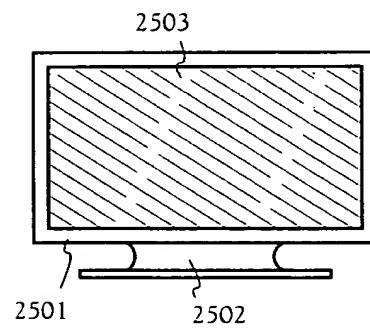


FIG. 16F





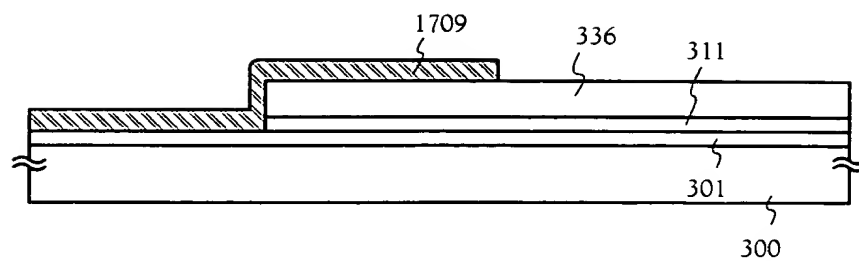


FIG. 18A

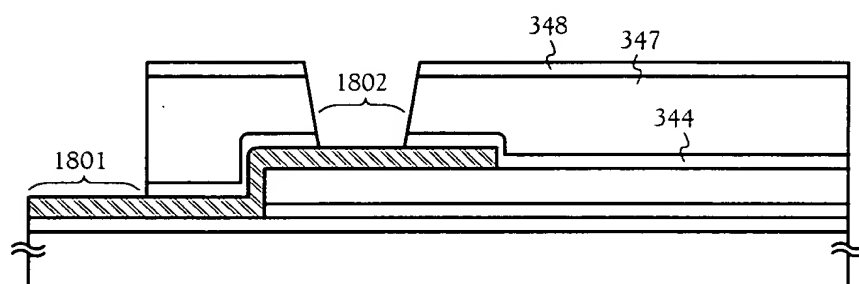


FIG. 18B

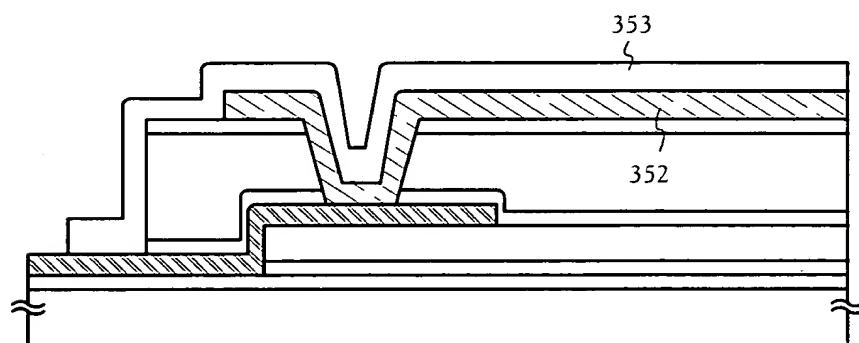


FIG. 18C

PIEZO METHOD

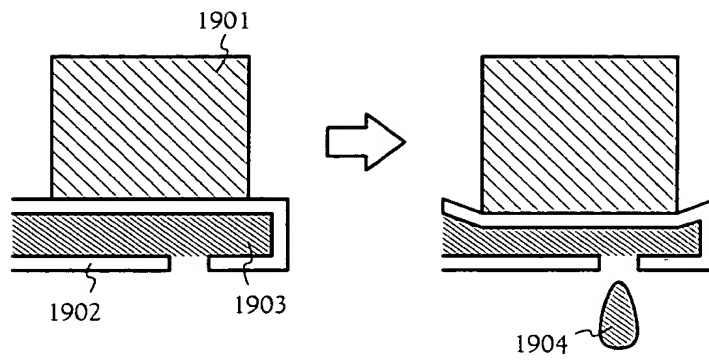


FIG. 19A

BUBBLE-JET METHOD

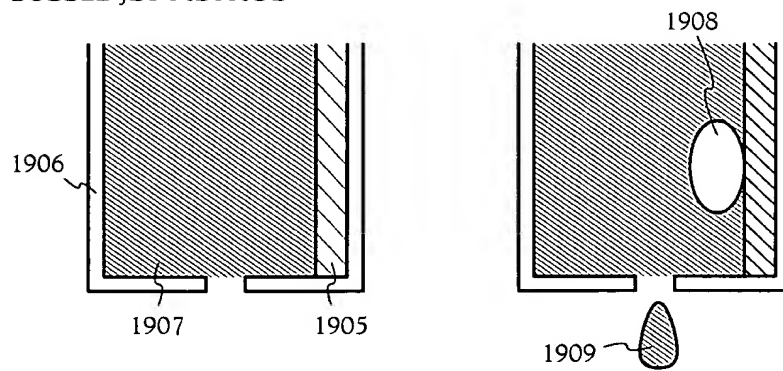


FIG. 19B

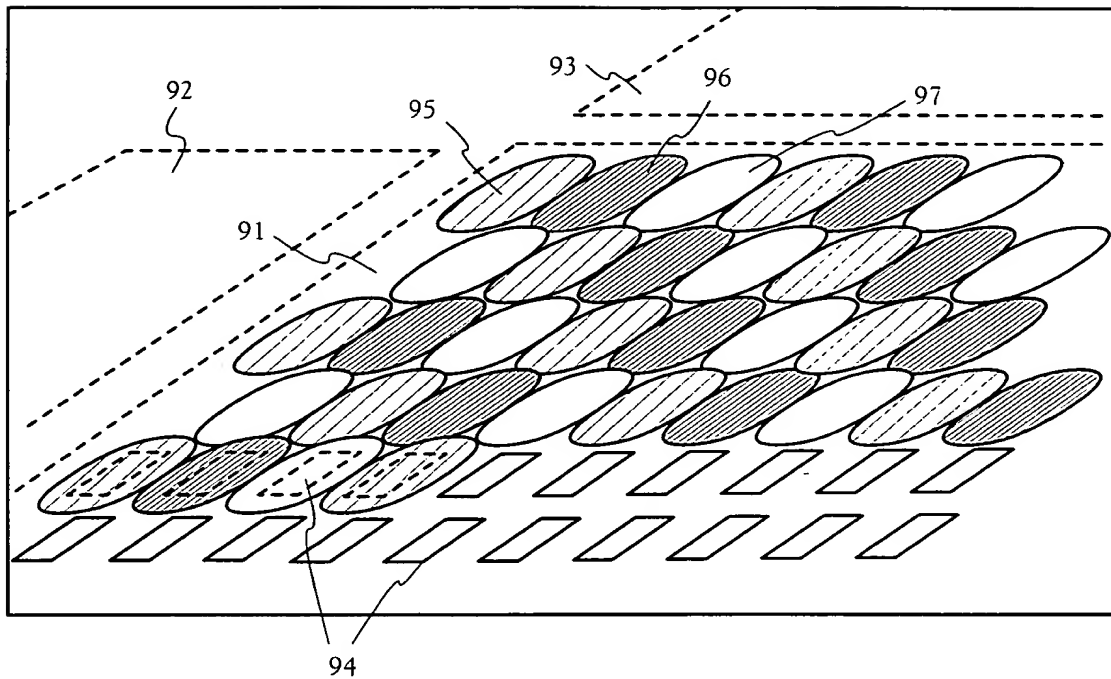


FIG. 20

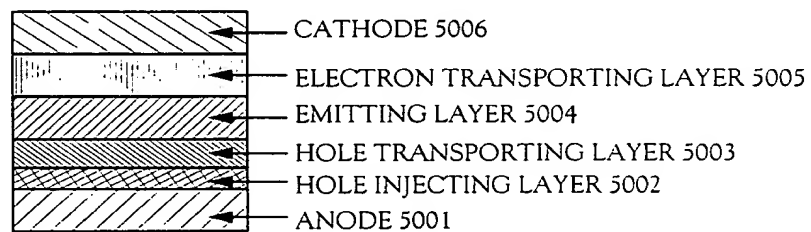


FIG. 21

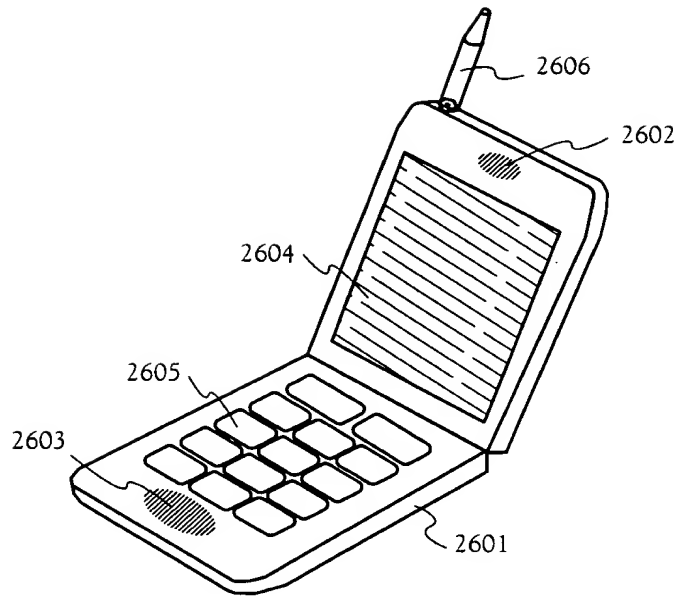


FIG. 22A

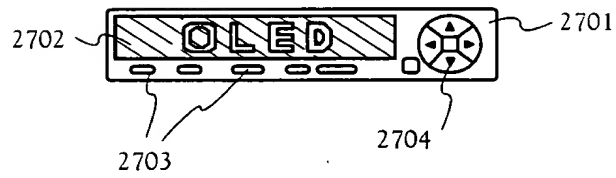


FIG. 22B

FIG. 23A

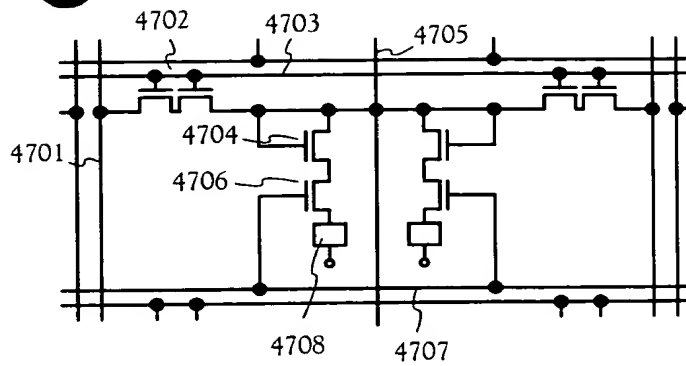


FIG. 23B

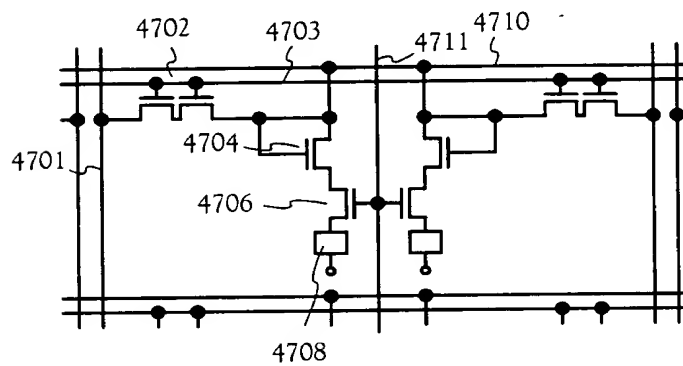


FIG. 24A

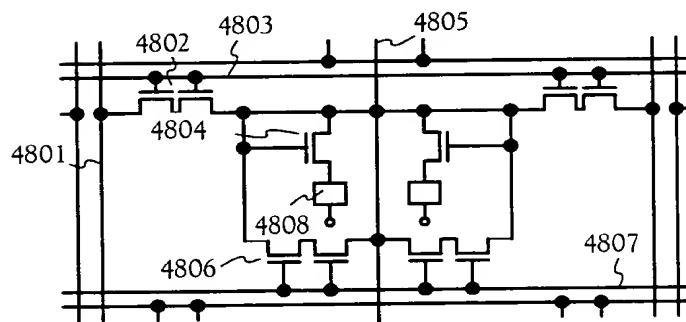
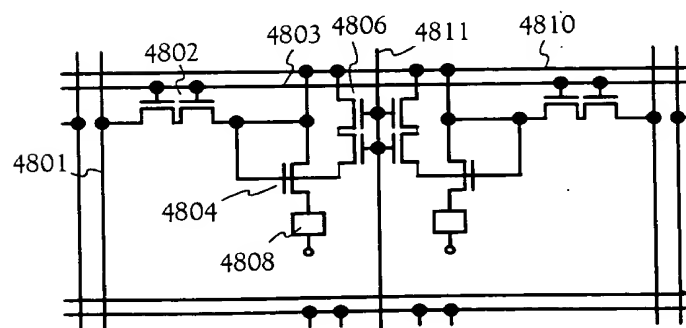


FIG. 24B



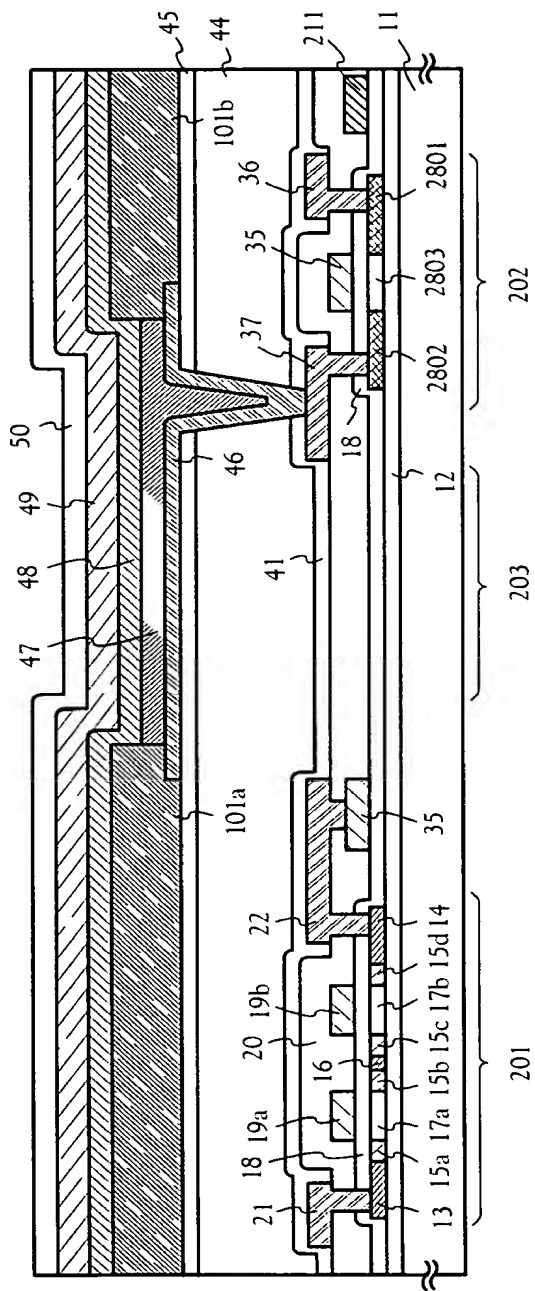


FIG. 25